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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GPO IP 2700

APPLICANT:
SERIAL NO.
FILING DATE:
INVENTION:

Günter Doemens, et al.
09/381,839
September 24, 1999
"METHOD FOR THREE-DIMENSIONAL IDENTIFICATION OF OBJECTS"

ATTORNEY DOCKET NO. P99,1690
GROUP ART UNIT:
EXAMINER:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

HON. ASSISTANT COMMISSIONER OF PATENTS
Washington, D.C. 20231

Sir:

Submitted herewith is an Information Disclosure Statement for consideration in the above-identified application. This Information Disclosure Statement is submitted:

- Within 3 months (1) of filing date of a national application; (2) of date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first Office Action on the merits, whichever occurs last. (No fee is required.)
- After the mailing date of a first Office Action but before (1) mailing of a final action under 37 C.F.R. §1.113; or (2) mailing of a notice of allowance under §1.311, whichever occurs first.
 - Payment for the fee set forth in 37 C.F.R. §1.17(p) accompanies this submission; or
 - The certification specified in 37 C.F.R. §1.97(e) is made below. (No fee is required.)
- After the mailing of (1) a final action under 37 C.F.R. §1.113; or (2) a notice of allowance under 37 C.F.R. §1.311 whichever occurs first, but before payment of the issue fee. The certification specified in 37 C.F.R. §1.97(e) is made below. The Commissioner hereby is petitioned to consider the Information Disclosure Statement accompanying this submission. Payment for the Petition fee set forth in 37 C.F.R. §1.17(i)(1) accompanies this submission.
- The undersigned counsel for applicant(s) hereby certifies each item of information identified in the Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- The undersigned counsel for applicant(s) hereby certifies that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign Patent Office in a counterpart foreign application, or to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
- A check in the amount of \$____ to cover any required fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Account No. 08-2290. *A duplicate copy of this sheet is enclosed for this purpose.*

Very respectfully,

HILL & SIMPSON

A Professional Corporation

By Stan G. Noll, Reg. 28,982

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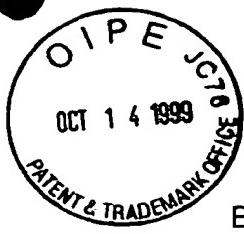
Telephone (312) 876-0200

CERTIFICATE OF MAILING

When phoning re this application,
please call (312) 876-0200 Ext. 3261

I hereby certify that this Information Disclosure Statement is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington D.C. on October 12, 1999.

Stan G. Noll



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BOX PCT

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE
UNDER THE PATENT COOPERATION TREATY-CHAPTER II

5 **INFORMATION DISCLOSURE STATEMENT**

APPLICANT(S): Günter Doemens et al.
ATTORNEY DOCKET NO.: P99,1690
INTERNATIONAL APPLICATION NO.: PCT/DE98/00707
INTERNATIONAL FILING DATE: 10 March 1998
10 INVENTION: "METHOD FOR THREE-DIMENSIONAL IDENTIFICATION OF OBJECTS"

Assistant Commissioner for Patents
Washington, D.C. 20231

SIR:

15 In accordance with the provisions of 37 C.F.R. § 1.56, Applicant requests that citation and examination of the following references be made during the course of examination of the above-referenced application for United States Letters Patent.

I. **SUBMITTED REFERENCES**

- AA United States Patent No. 5,592,188
20 AB United States Patent No. 4,294,544
AC United States Patent No. 5,424,868
AL German Application No. 196 33 686
AM European Application No. 0 662 773
AN German Application No. 41 15 445
25 AO Austrian Application No. 321618
AR T. Abe et al., "Automatic Identification of Human Faces by 3-D Shape of Surfaces-Using Vertices of B-Spline Surface", Systems and Computers in Japan, Vol. 22, No. 7, 1991, pp. 96-104.
AS P. Barysch, "Mikrospiegel in der Grossbildprojektion", Funkschau, Vol. 67, No. 30 19, September 1, 1995, pp. 34-35.

- AT L. Hornbeck, "Digital Light Processing and MEMs: Timely Convergence for a Bright Future", Micromachining and Microfabrication '95, 23-24 October 1995, Austin, Texas, pp. 2-22.
- AU F. Wahl, "A Coded Light Approach for Depth Map Acquisition", IBM Zurich Research Laboratory, 8803 Rüschlikon, Switzerland.
- 5 AV "Vermessung beliebiger Objekte", Meßtechnik, Jan.-Feb. 1995, pp. 42-43.
- AW "Mikrosystemtechnik: Bildprojektion per Mikrochip", Elektronik, Vol. 20, 1993, pp. 30-32.

II. EXPLANATION OF RELEVANCE

10 References AA, AB, AC, AL, AM, AR and AS were cited during earlier PCT examination proceedings. Reference AL, which is in German, discloses a distances and/or spatial coordinates measuring device for moving objects. Reference AS is in German, and no English translation is presently available. However, if the Examiner desires such, Applicant will provide it upon request. Since references AA, AB, AC, AM
15 and AR are in English, no further commentary concerning their teachings is necessary.

Reference AT was cited for the reasons noted in the Applicants' specification. Since reference AT is in English, no further commentary concerning its teachings is necessary.

20 References AN, AO, AU, AV and AW are further prior art in the general field as the present invention. Reference AN, which is in German, discloses recording a three-dimensional image of an object. Reference AO, which is in German, discloses a method for identifying people and identification cards. References AU and AV, are in German, and no English translations are presently available. However, if the Examiner desires such, Applicant will provide them upon request. Since reference AW is in
25 English, no further commentary concerning its teachings is necessary.

None of the above references discloses or suggests a method for three-dimensional identification of objects as disclosed in the present invention.

30 Copies of each of the above references together with Form 1449 are submitted herewith in accordance with 37 C.F.R. §1.98. The non-English references AL and AN are accompanied by English-language Derwent abstracts. The non-English reference

AO is accompanied by an English translation of Claim 1. Except as provided, the undersigned does not possess English translations of the non-English reference.

As of the date of mailing of this Information Disclosure Statement, a first Office Action on the merits has not been received in connection with this application, and
5 therefore, this Information Disclosure Statement is in compliance with 37 C.F.R. §1.97(b)(3), and no fee is necessary.

All claims of the application are patentable over the teachings of the above references, taken singly or in combination. Early consideration of the application is therefore respectfully requested.

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Submitted by,

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(Reg. 28,982)

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